

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

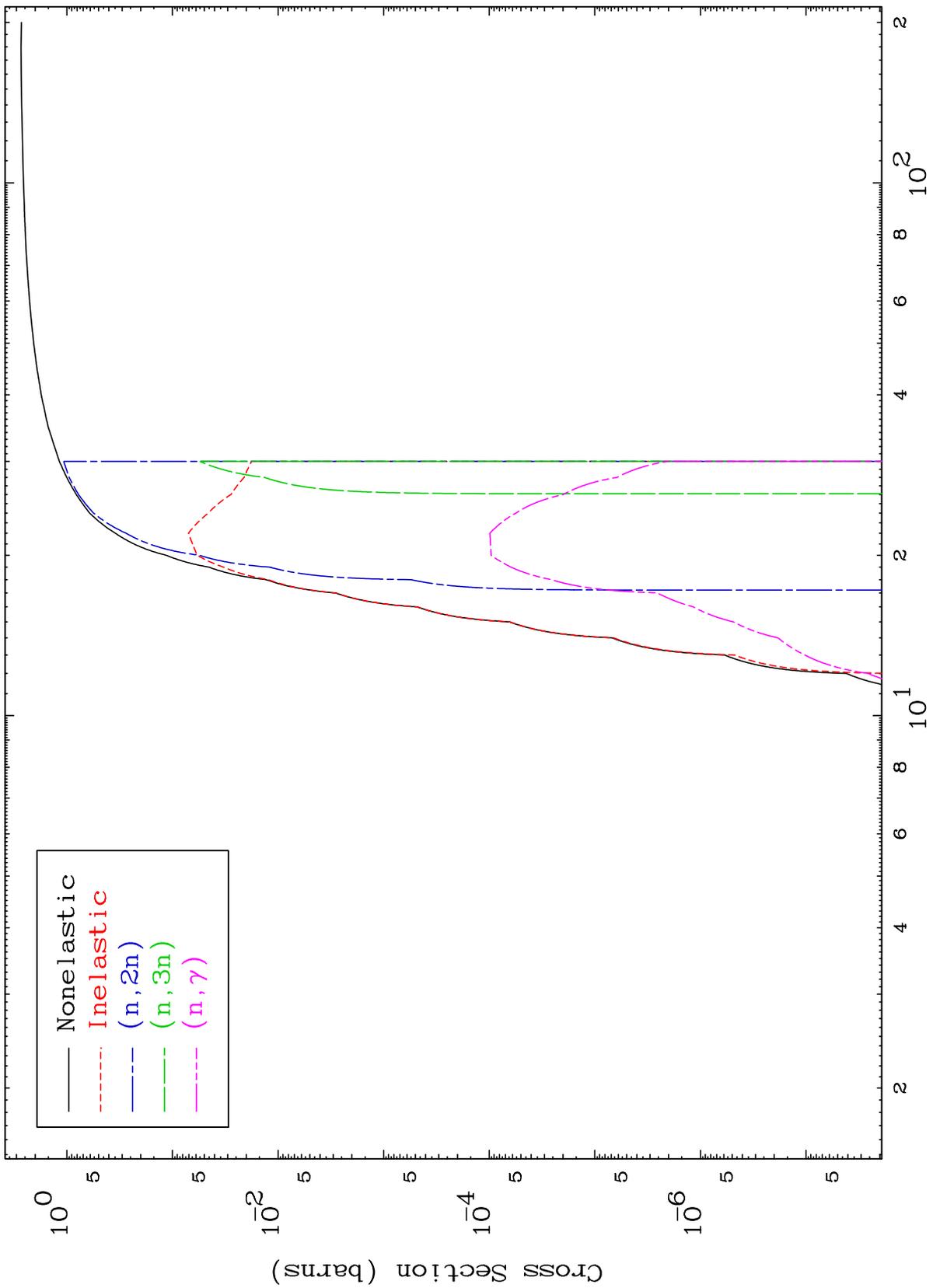
Press Mouse Button to Start

MAT 7726

0 Kelvin

Major Cross Sections

77-Ir-191m

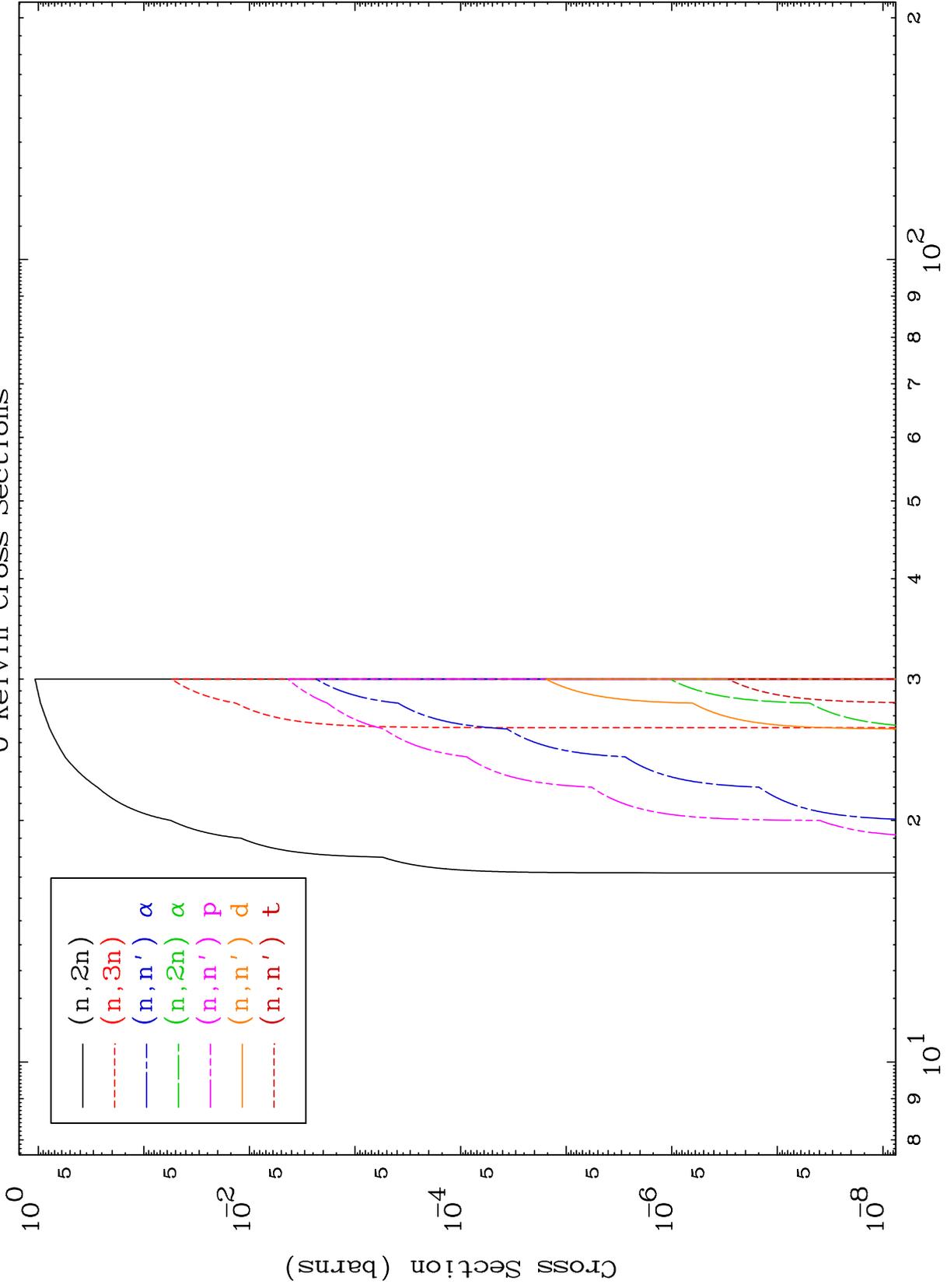


Legend:
— Nonelastic
- - - Inelastic
- - - (n,2n)
- - - (n,3n)
- - - (n, γ)

MAT 7726

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-191m



Incident Energy (MeV)

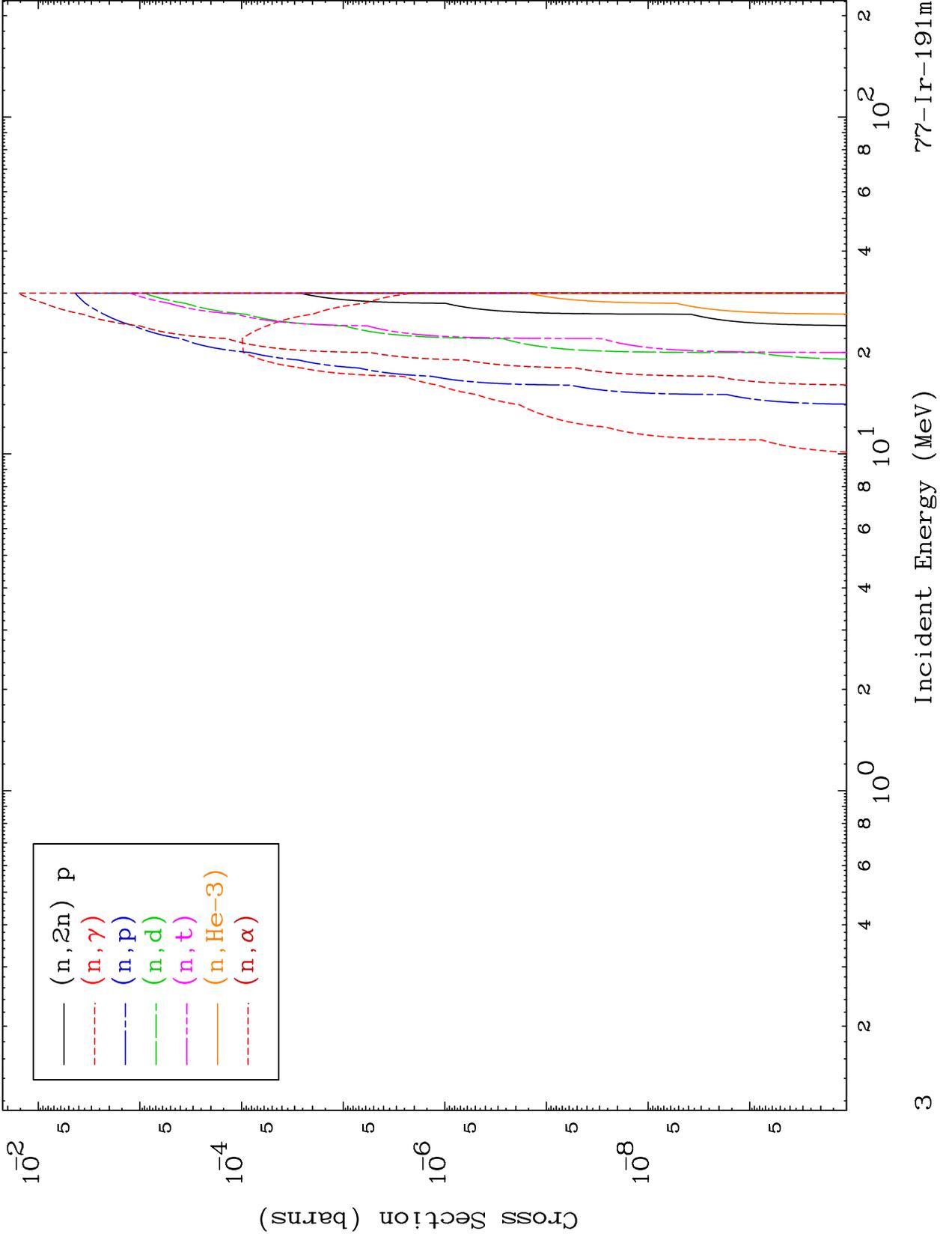
77-Ir-191m

2

MAT 7726

α Neutron Absorption
0 Kelvin Cross Sections

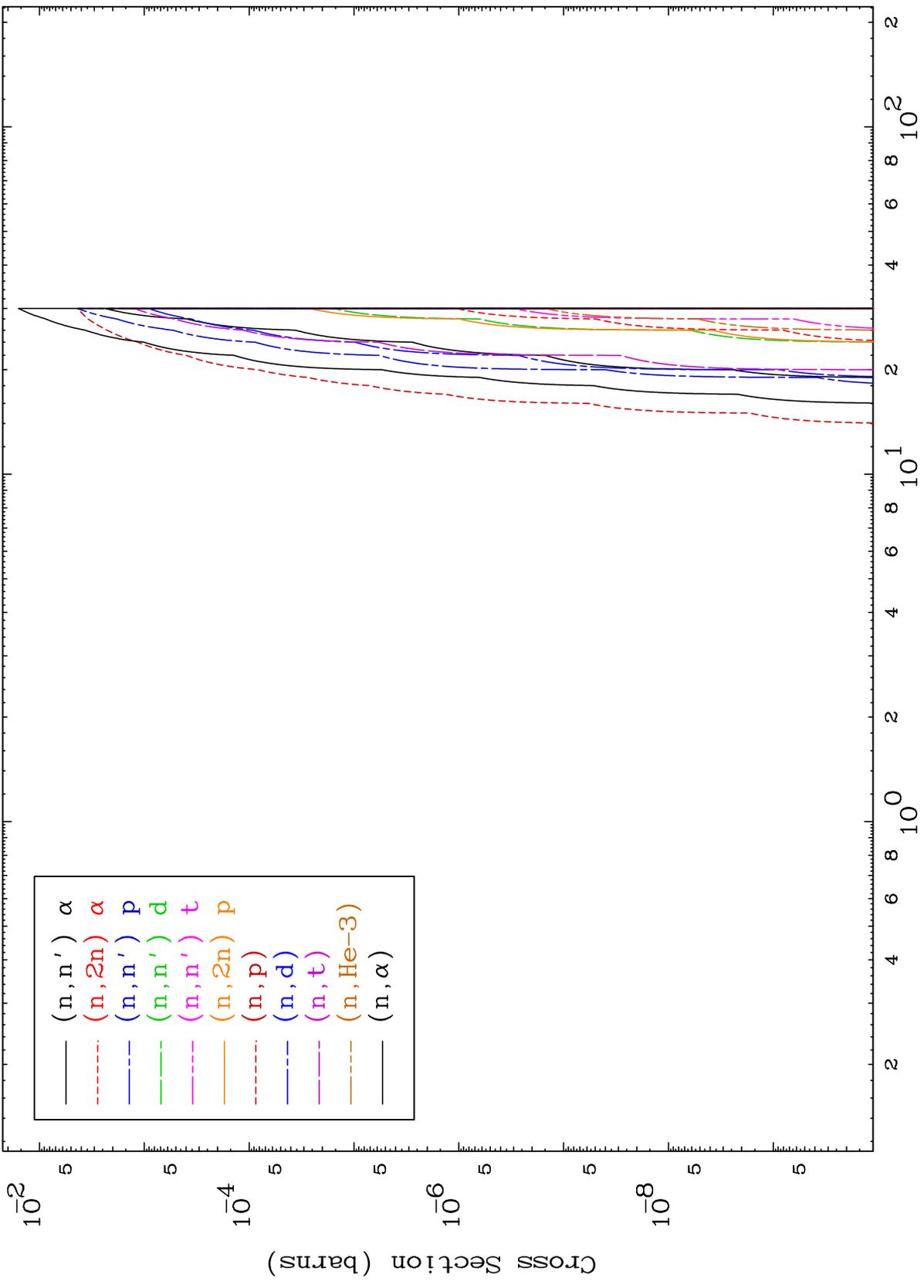
77-Ir-191m



MAT 7726

α Charged Particle
0 Kelvin Cross Sections

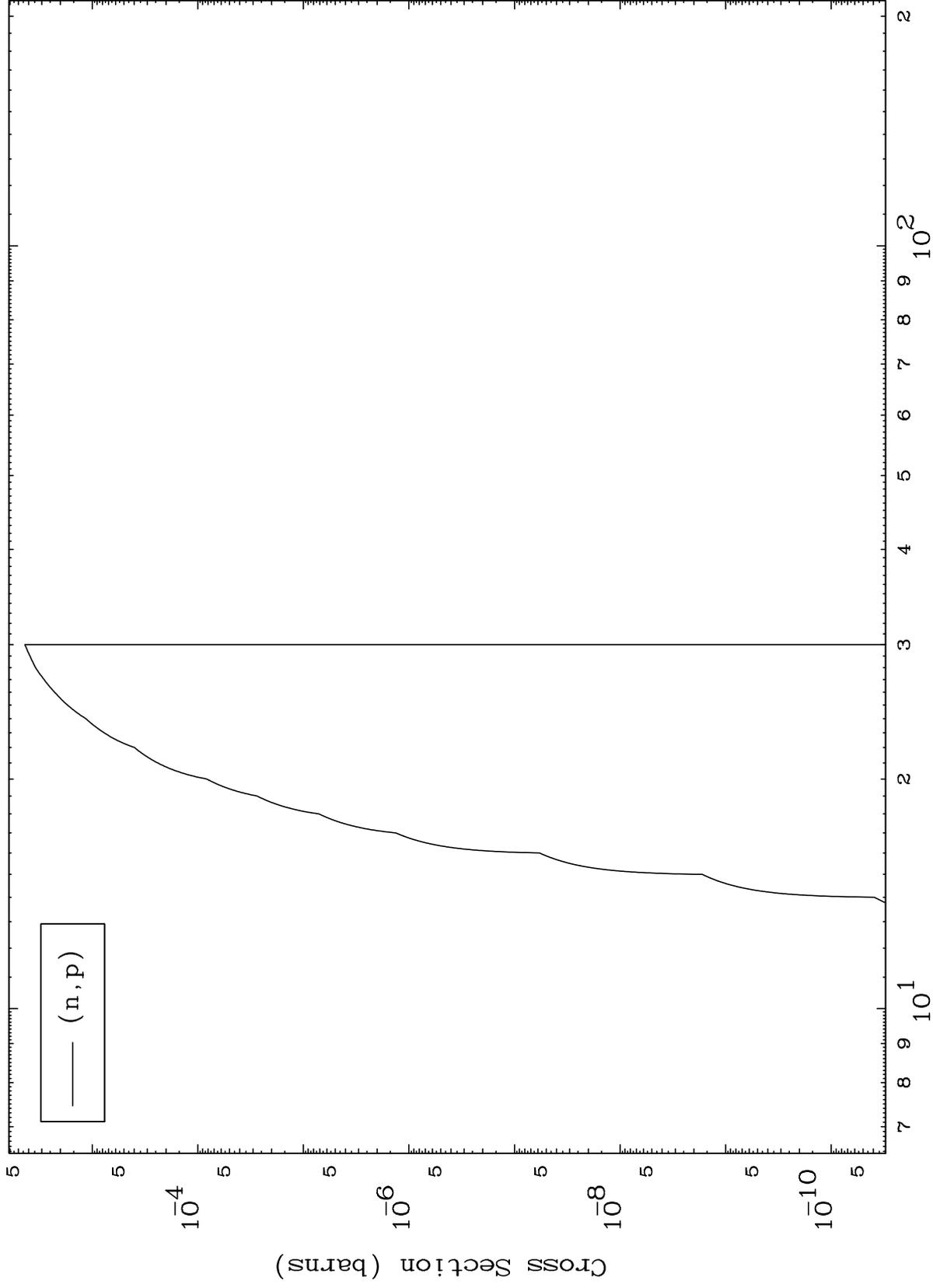
77-Ir-191m



MAT 7726

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-191m



5

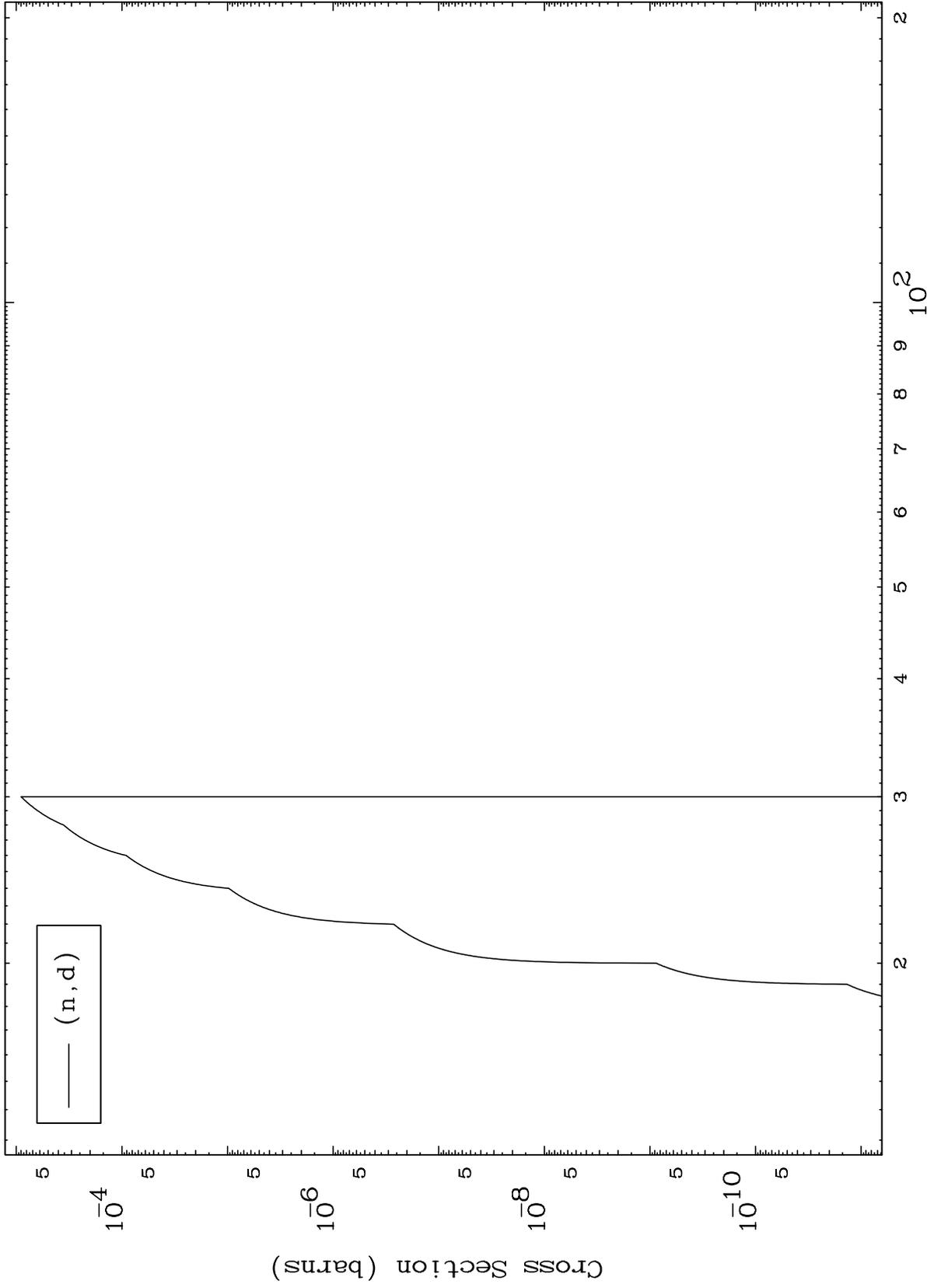
Incident Energy (MeV)

77-Ir-191m

MAT 7726

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-191m



6

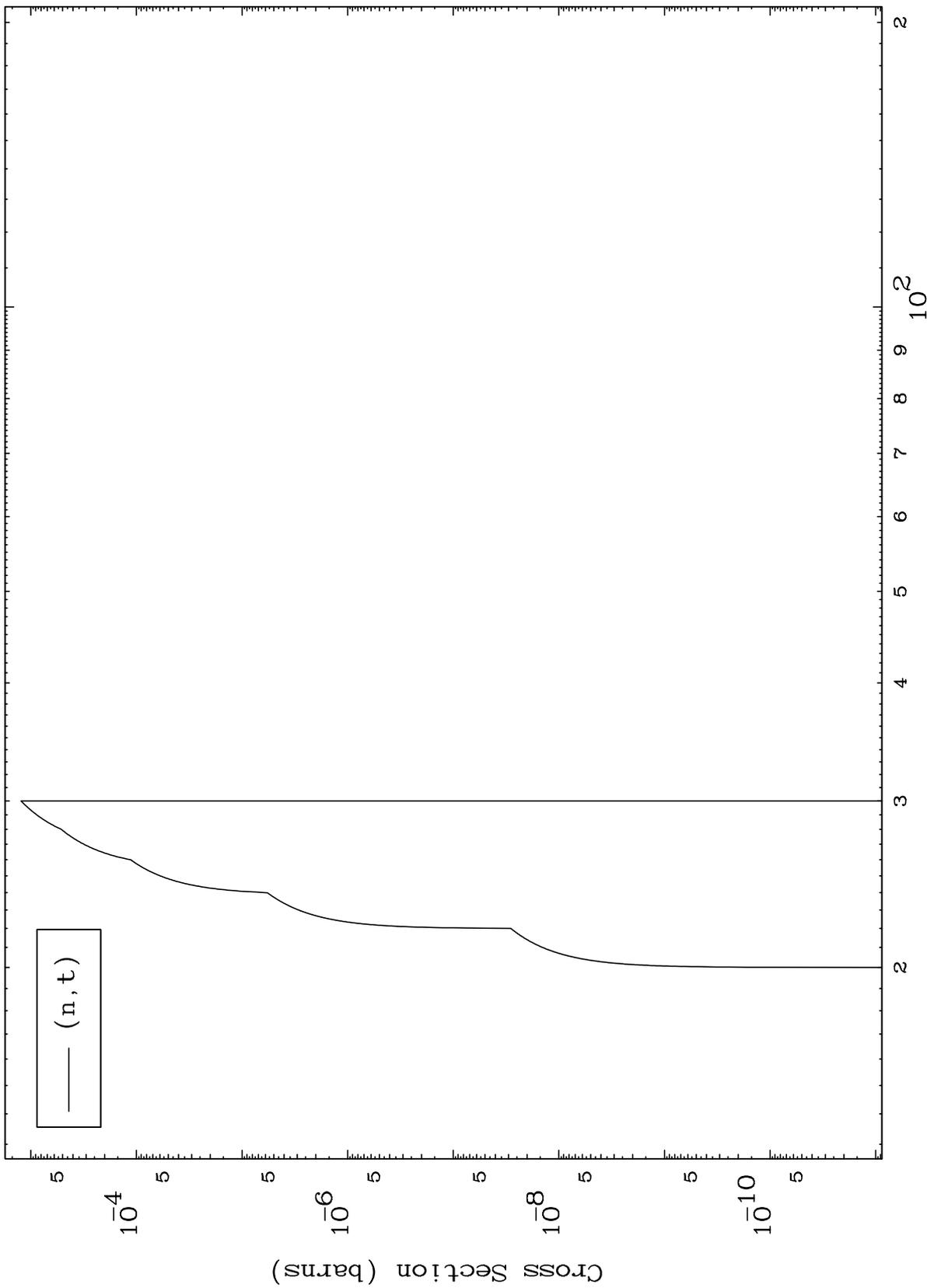
Incident Energy (MeV)

77-Ir-191m

MAT 7726

77-Ir-191m

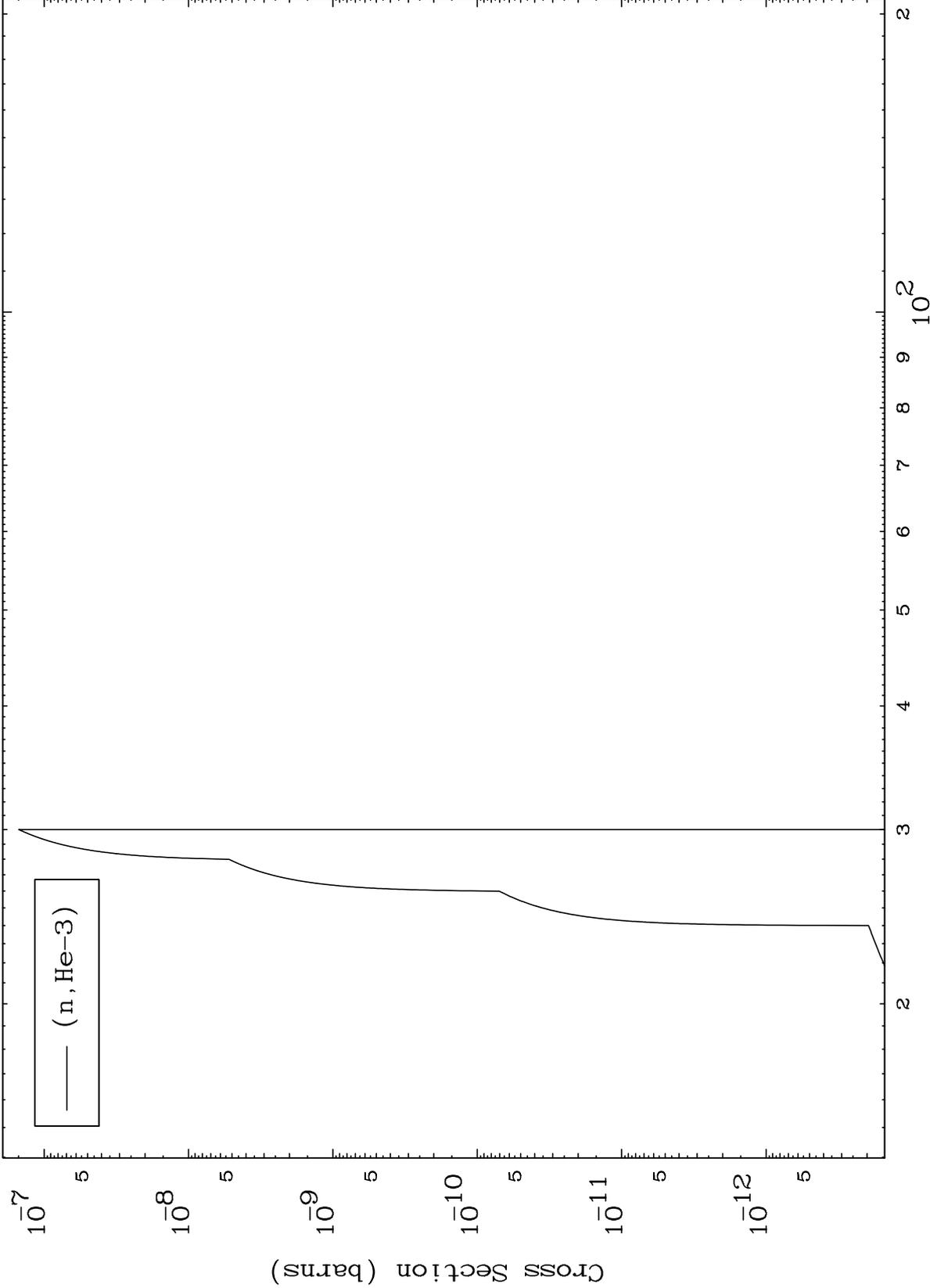
(α, t) Levels
0 Kelvin Cross Sections



77-Ir-191m

Incident Energy (MeV)

0 Kelvin Cross Sections

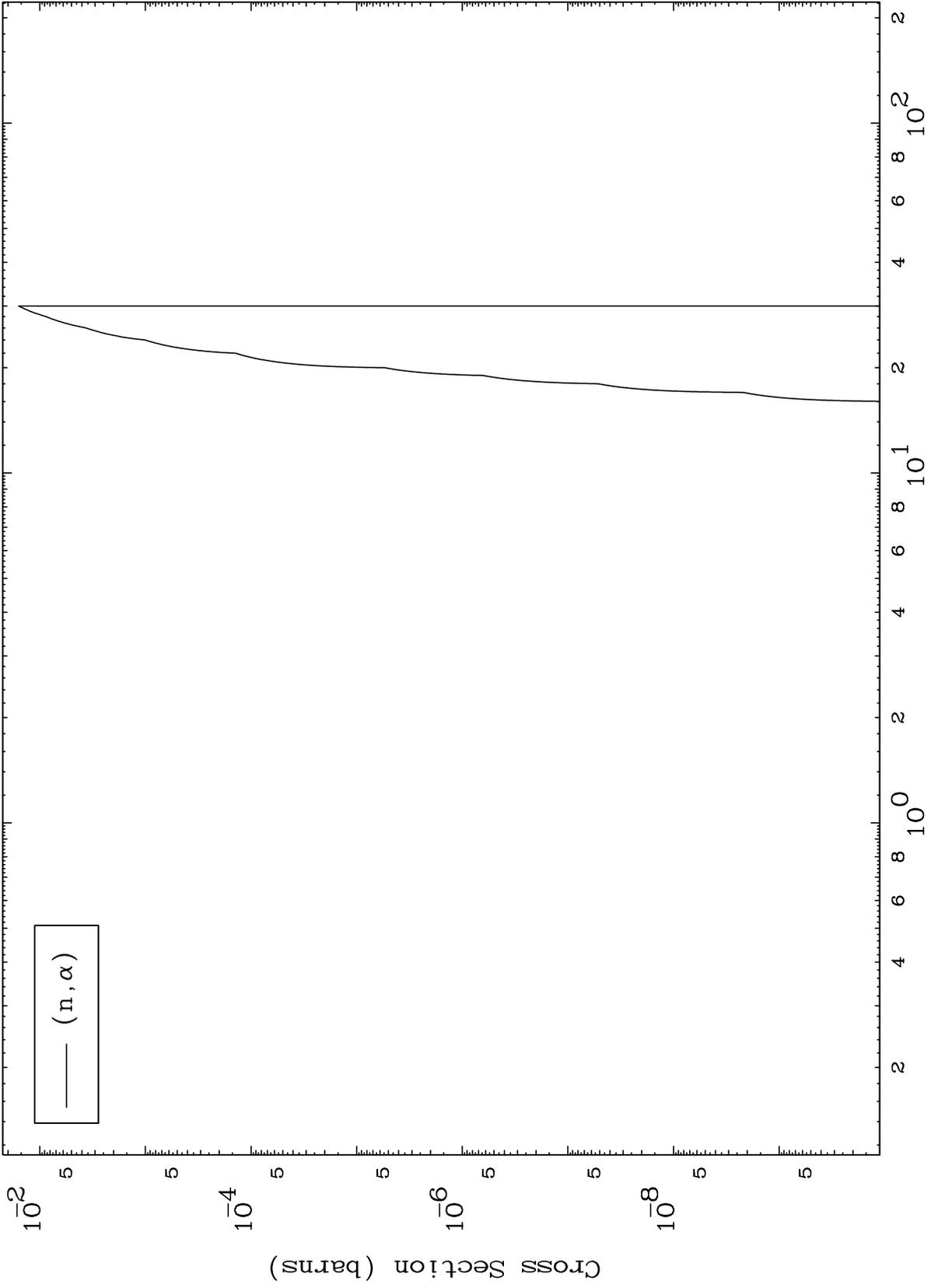


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(α, α) Levels

77-Ir-191m

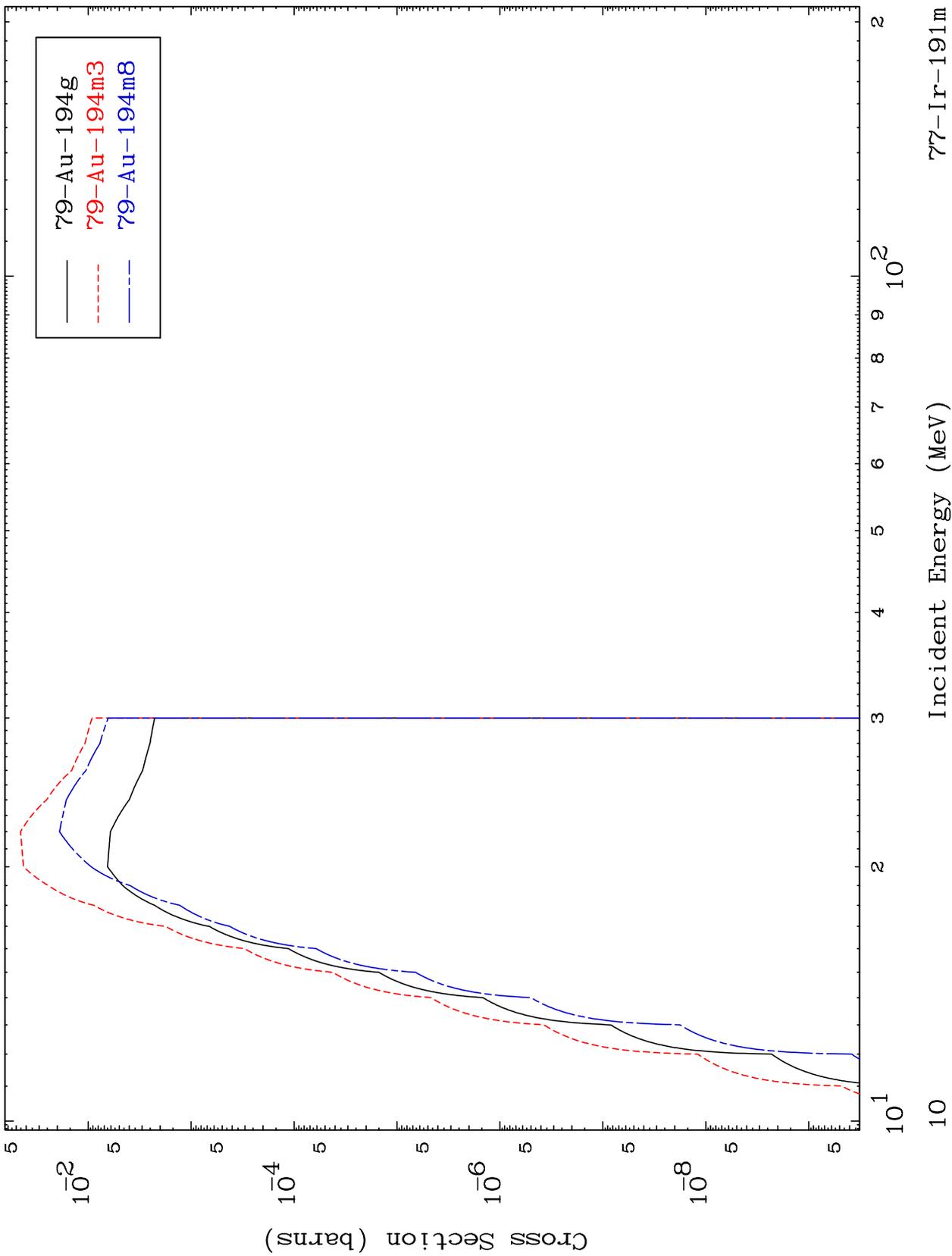
0 Kelvin Cross Sections



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77-Ir-191m

Inelastic
Radionuclide Production Cross Section



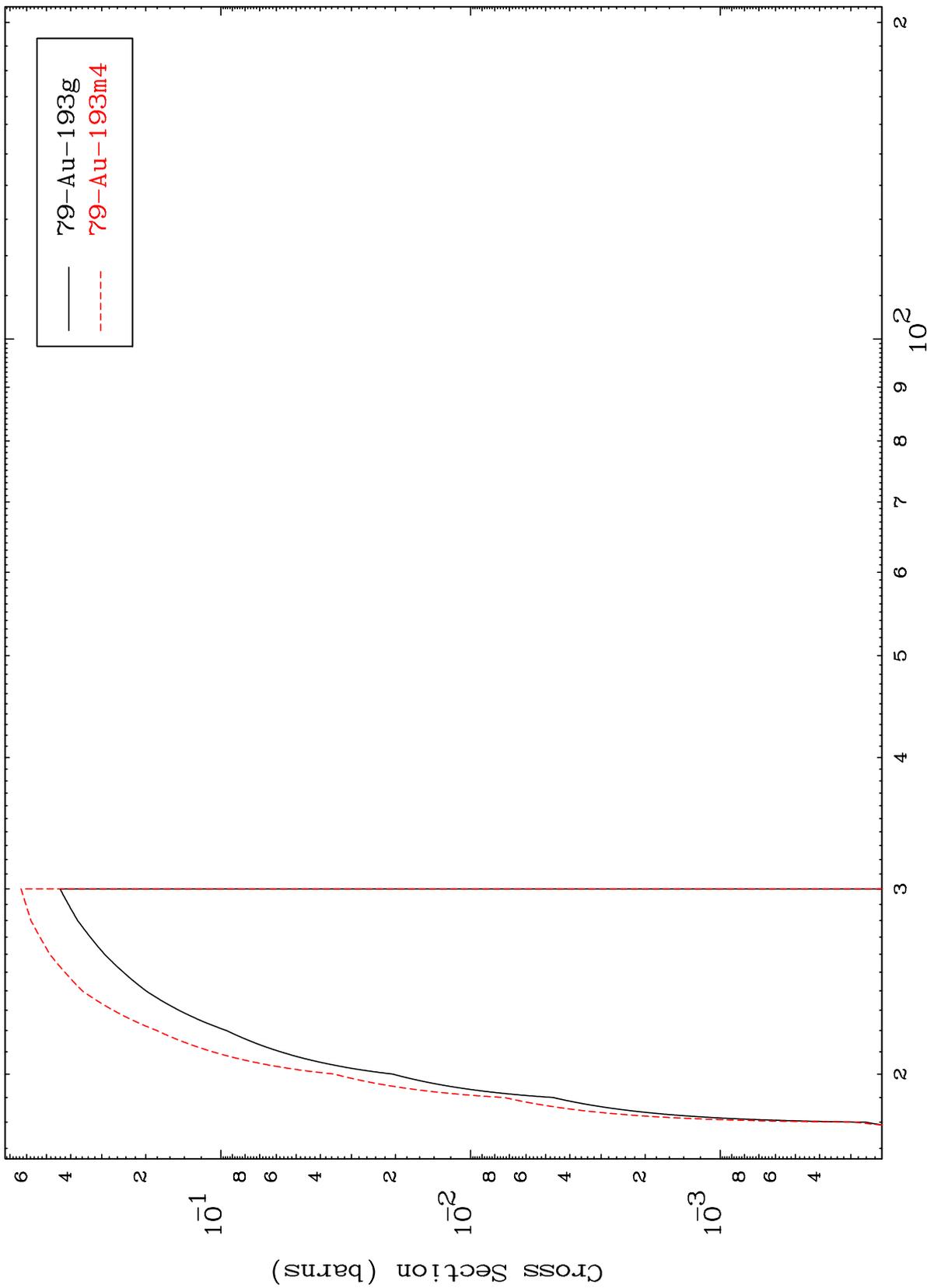
77-Ir-191m

Incident Energy (MeV)

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⁷⁷Ir-191m

(n,2n)
Radionuclide Production Cross Section



⁷⁷Ir-191m

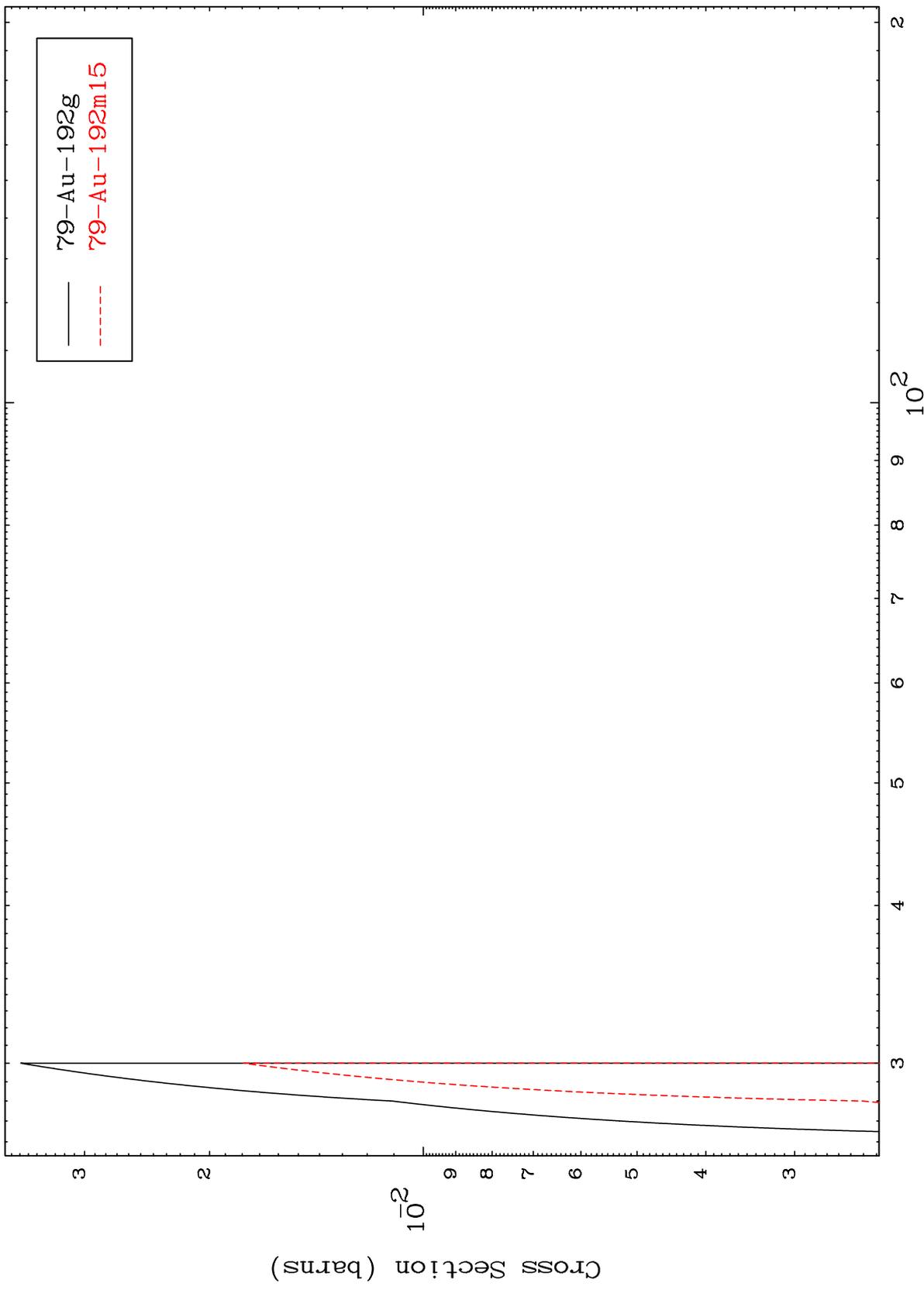
Incident Energy (MeV)

11

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⁷⁷Ir-191m

(n,3n)
Radionuclide Production Cross Section



— ⁷⁹Au-192g
- - - ⁷⁹Au-192m15

⁷⁷Ir-191m

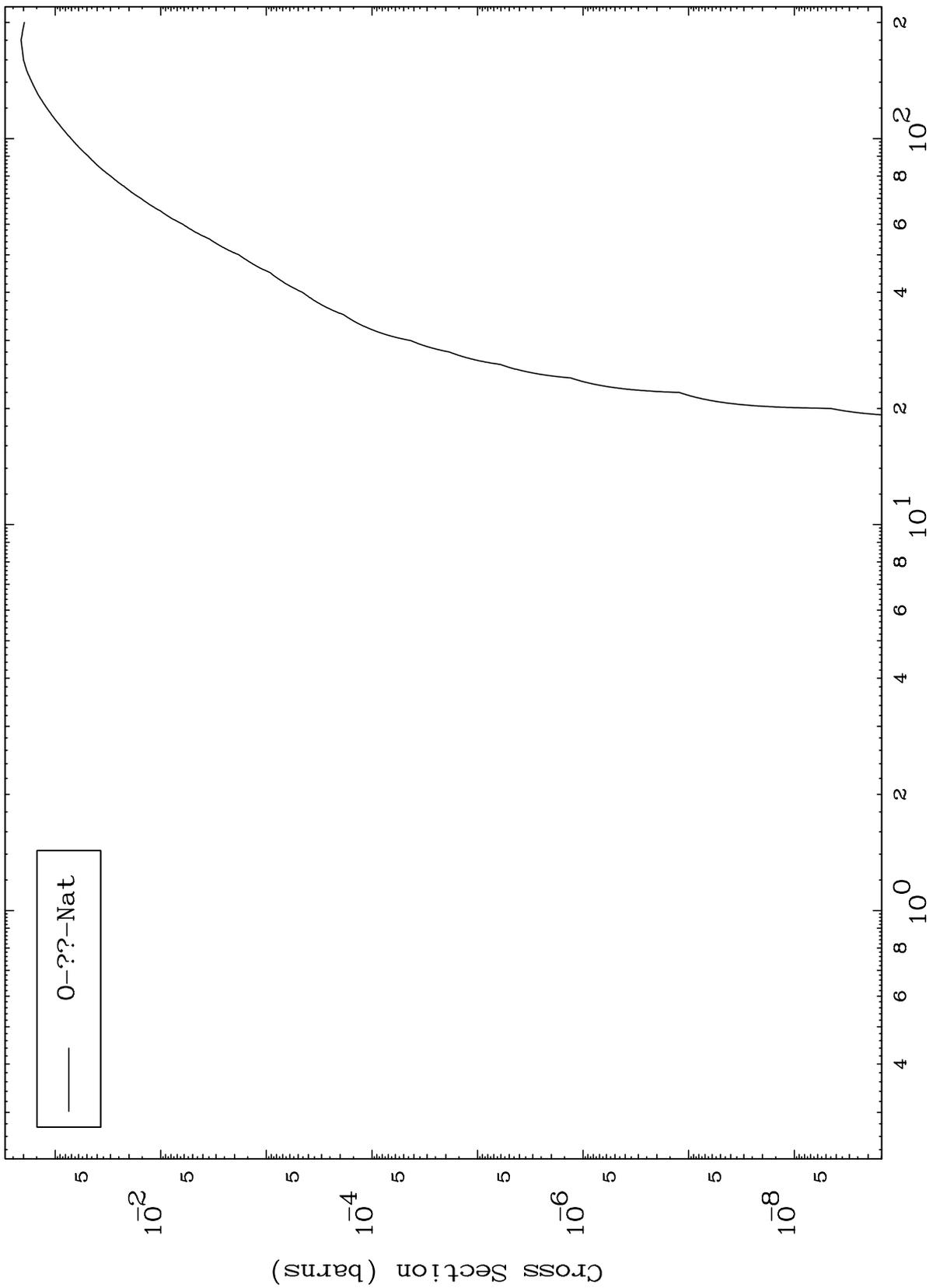
Incident Energy (MeV)

12

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Fission
Radionuclide Production Cross Section

⁷⁷Ir-191m

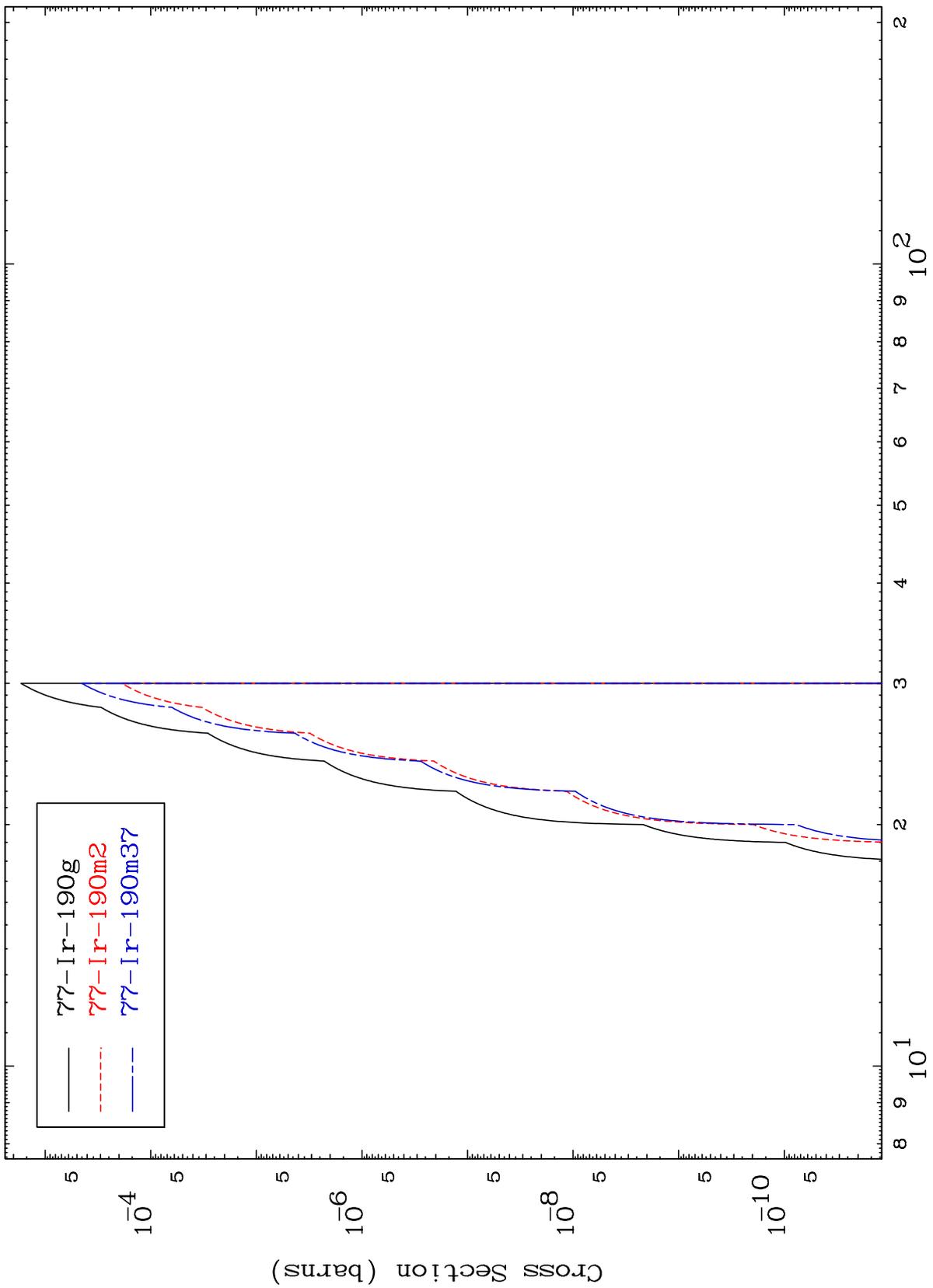


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(n,n') α

⁷⁷Ir-191m

Radionuclide Production Cross Section



14

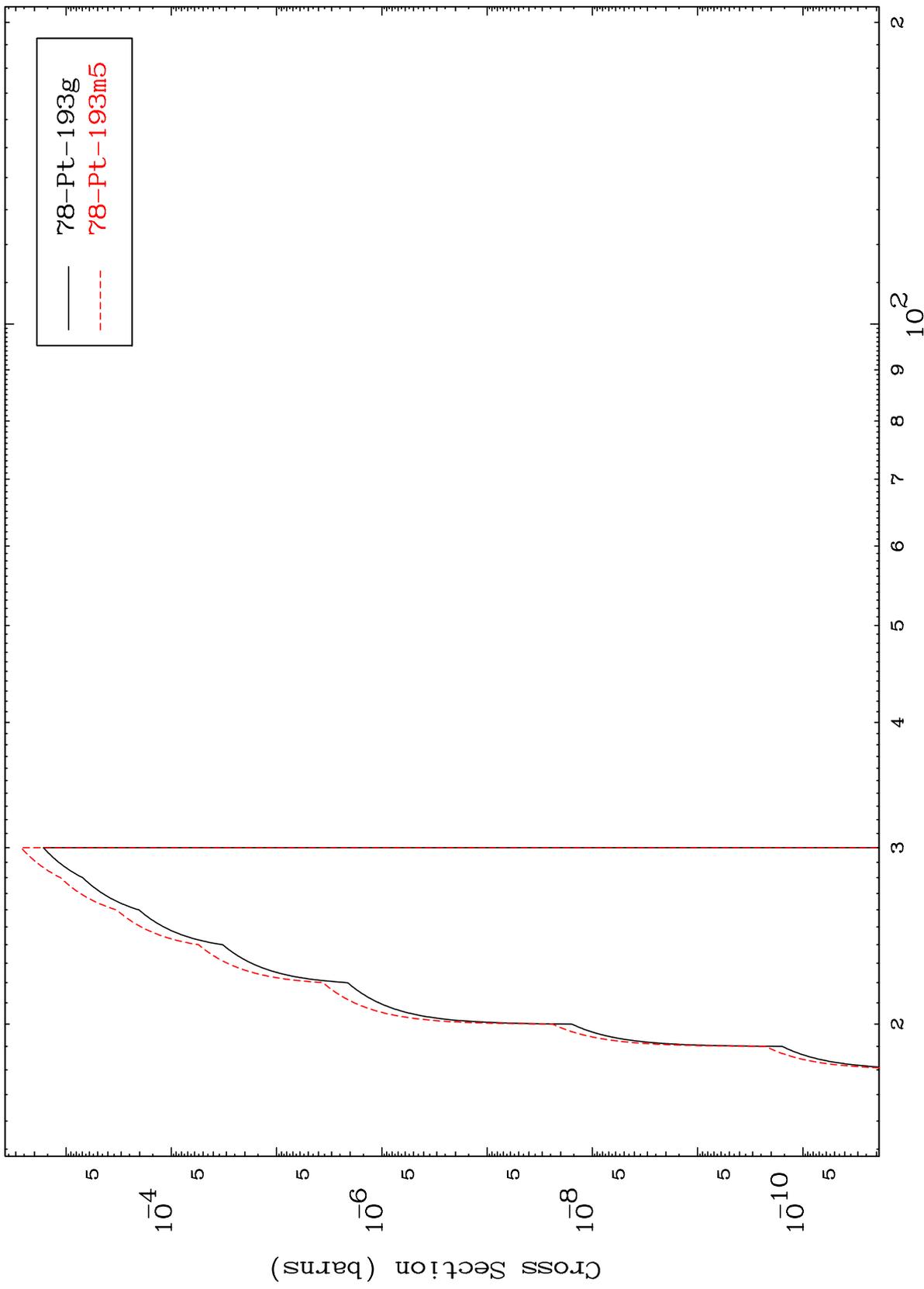
Incident Energy (MeV)

⁷⁷Ir-191m

MAT 7726

77-Ir-191m

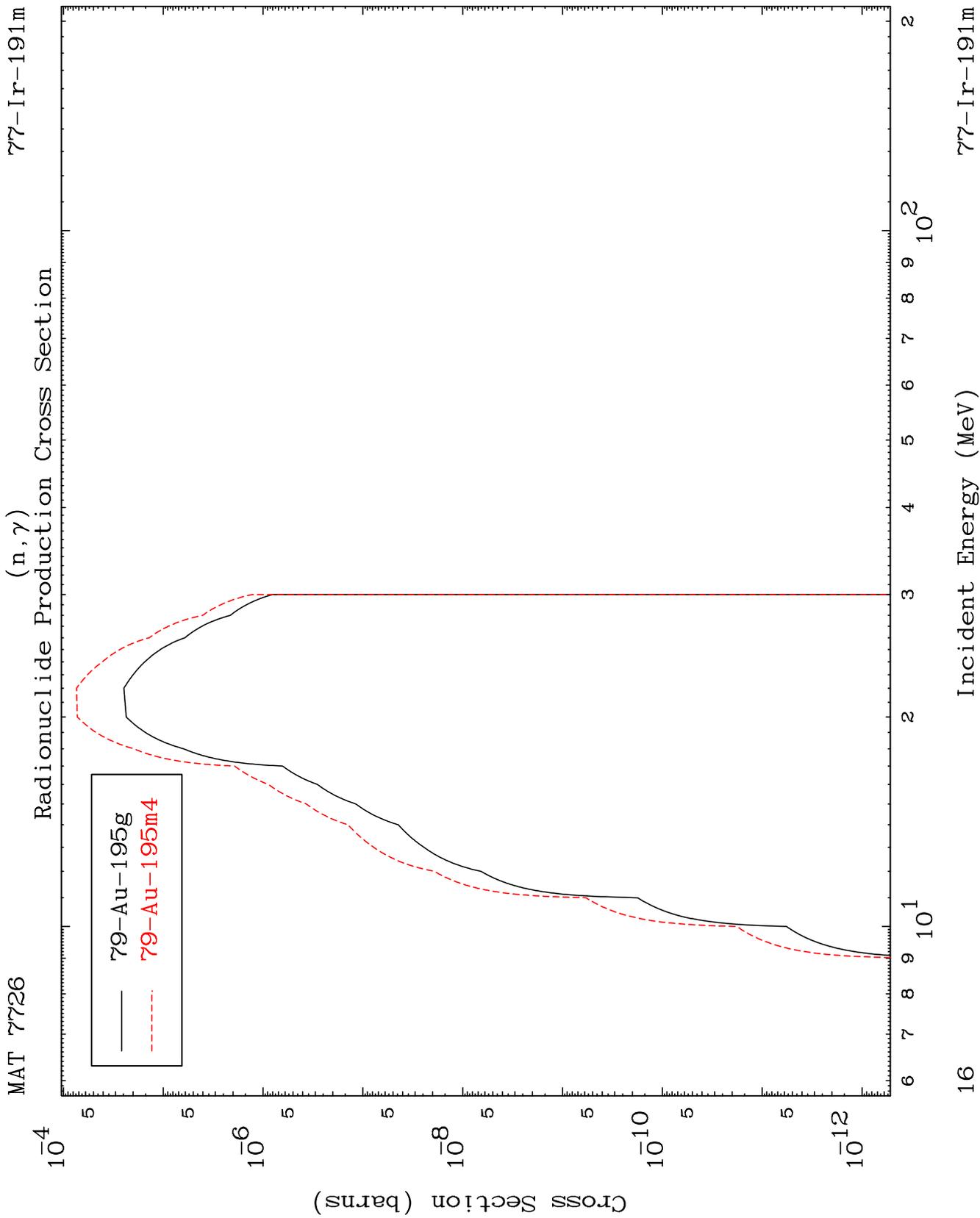
(n,n') p
Radionuclide Production Cross Section



15

77-Ir-191m

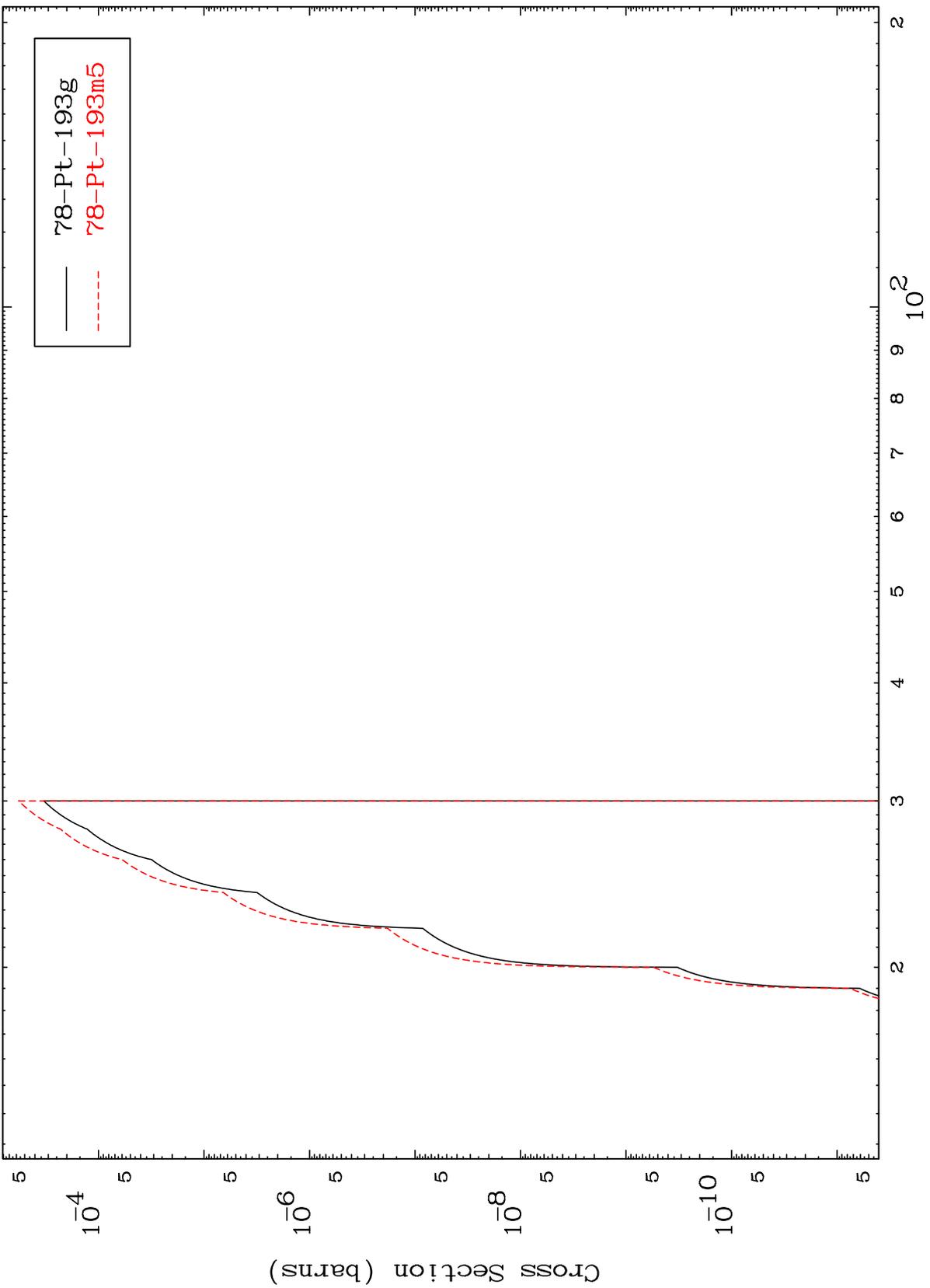
Incident Energy (MeV)



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77-Ir-191m

(n,d)
Radionuclide Production Cross Section



17

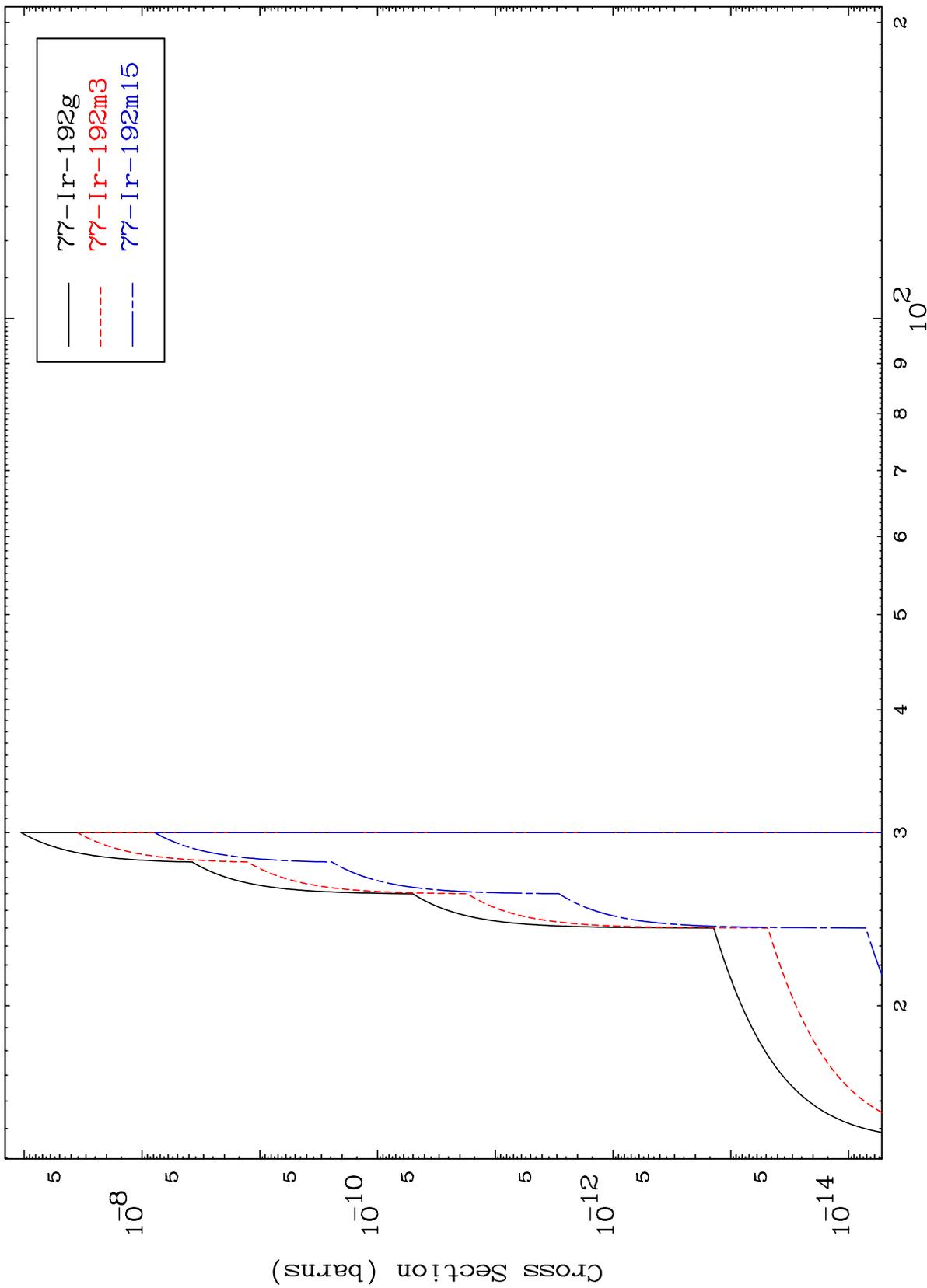
Incident Energy (MeV)

77-Ir-191m

MAT 7726

77-Ir-191m

(n,He-3)
Radionuclide Production Cross Section



18

77-Ir-191m

Incident Energy (MeV)

